

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059590.D
 Acq On : 25 Jul 2018 15:34
 Operator : VA/AP
 Sample : J4070-01
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC011-S-180718

Quant Time: Jul 26 08:56:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	4866	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.68	114	7848	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	6724	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	3626	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	5066	82.81	ug/l	0.02
Spiked Amount	50.000		Recovery	=	165.62%	
35) Dibromofluoromethane	5.53	113	3865	57.41	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.82%	
50) Toluene-d8	8.70	98	7157	46.87	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.92	95	3290	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

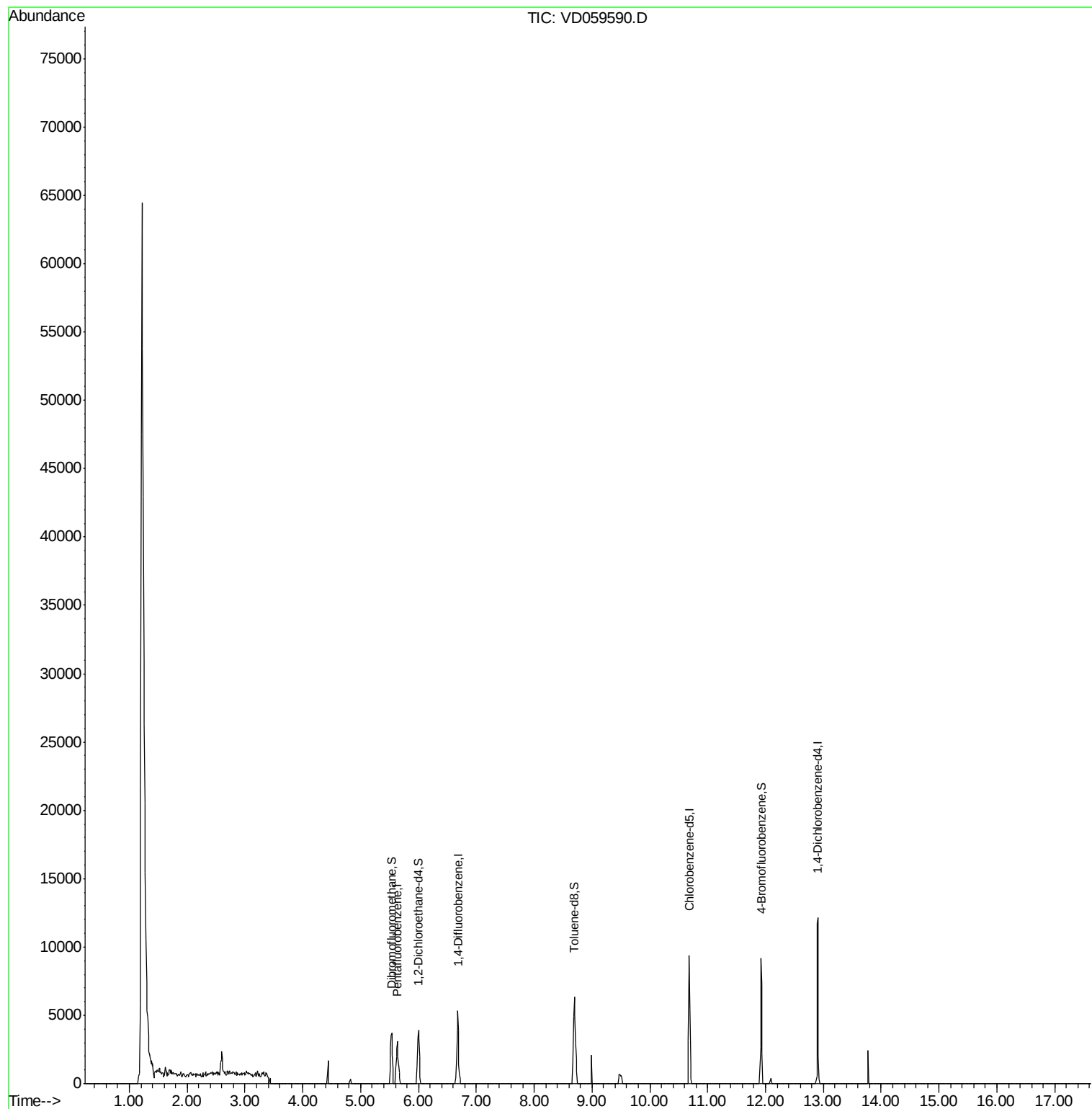
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.03 min

Lab File: VD059590.D

Acq: 25 Jul 2018 15:34

Instrument :

MSVOA_D

ClientSampleId :

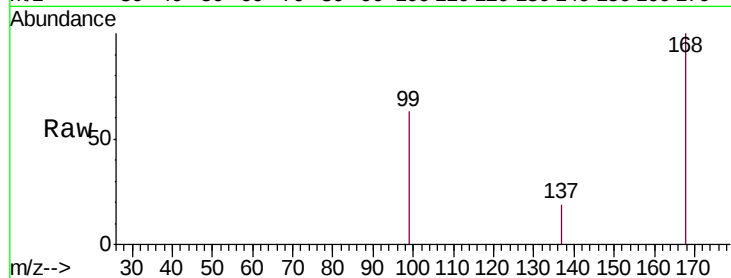
KY030LC011-S-180718

Tot Ion:168 Resp: 4866

Ion Ratio Lower Upper

168 100

99 63.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

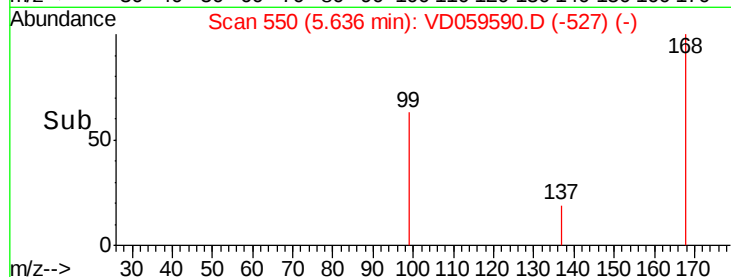
1500

1000

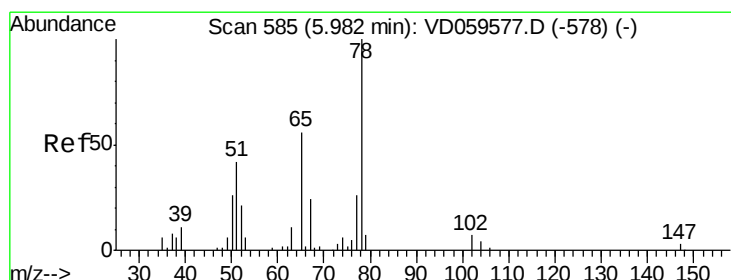
500

0

5.55 5.60 5.65 5.70



Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD059590.D

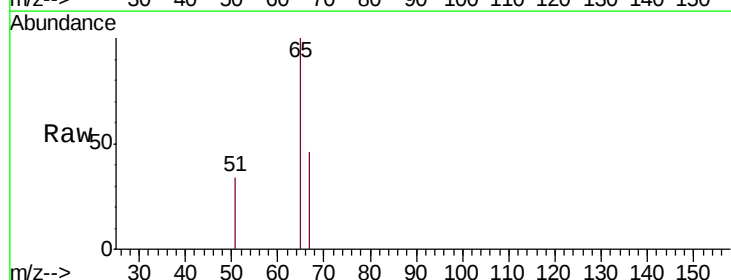
Acq: 25 Jul 2018 15:34

Tgt Ion: 65 Resp: 5066

Ion Ratio Lower Upper

65 100

67 46.0 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

2500

2000

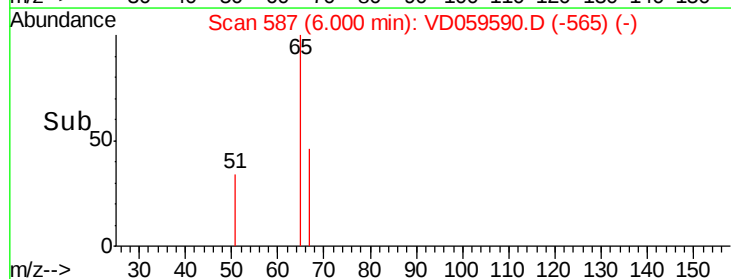
1500

1000

500

0

5.95 6.00 6.05



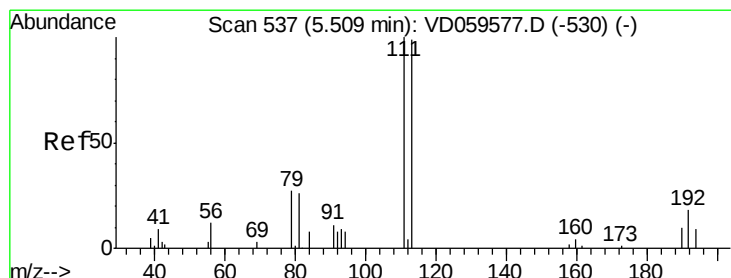
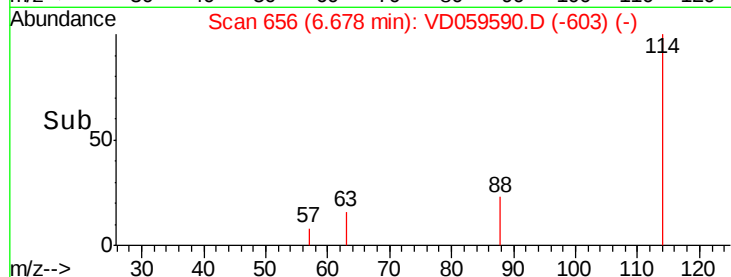
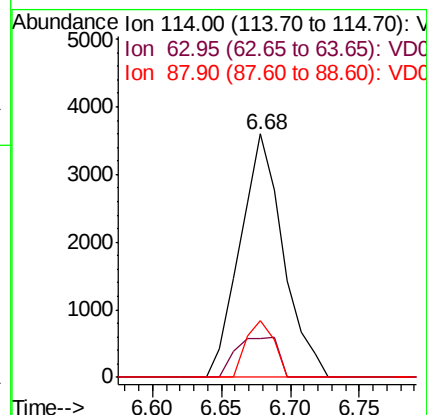
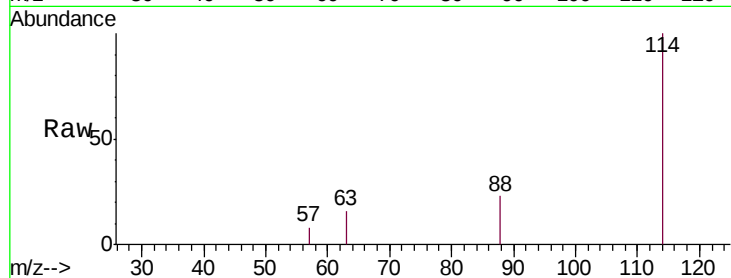
Time-->



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059590.D
 Acq: 25 Jul 2018 15:34

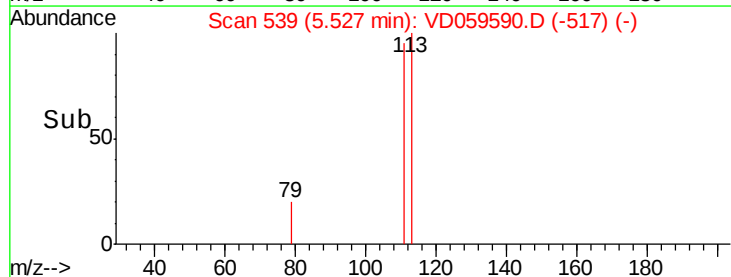
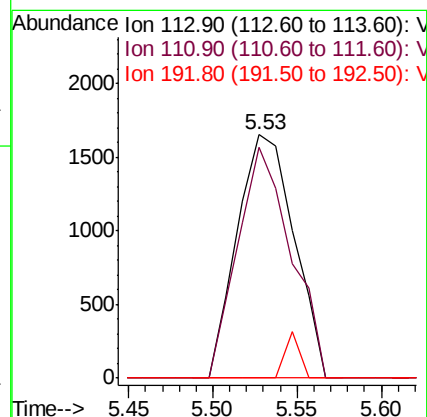
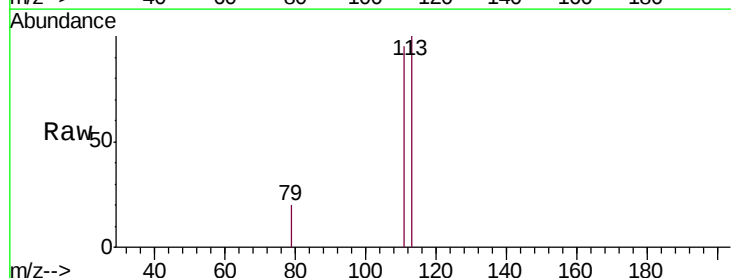
Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC011-S-180718

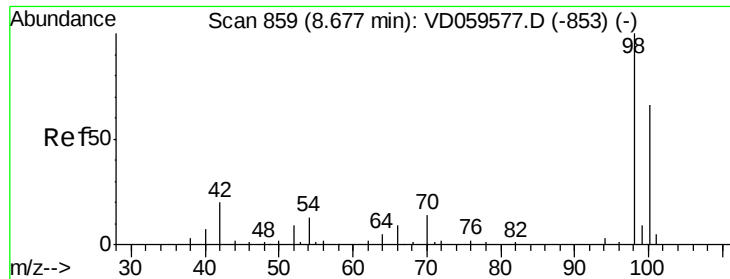
Tot Ion:114 Resp: 7848
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 43.8
 88 23.4 0.0 39.0



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059590.D
 Acq: 25 Jul 2018 15:34

Tgt Ion:113 Resp: 3865
 Ion Ratio Lower Upper
 113 100
 111 94.8 80.5 120.7
 192 0.0 14.5 21.7#

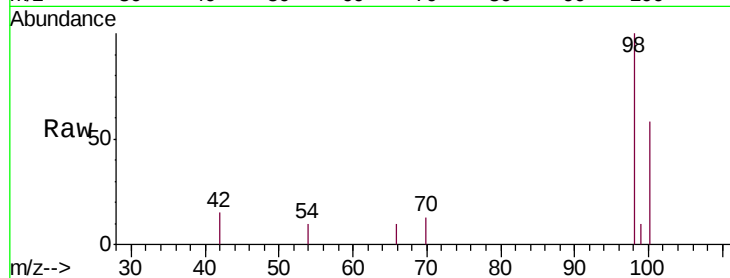




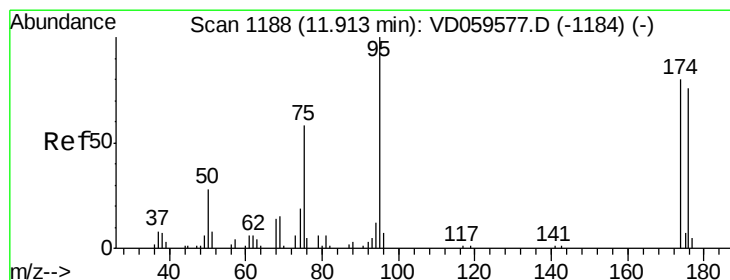
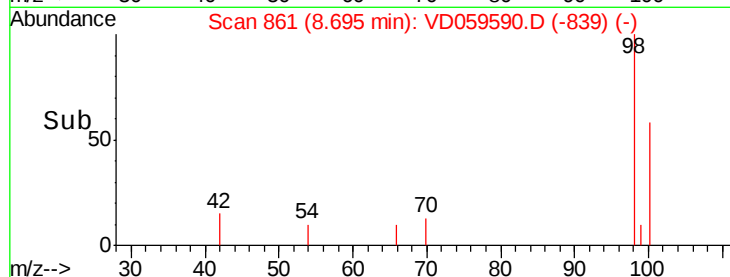
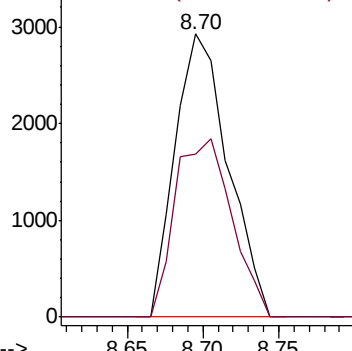
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059590.D
Acq: 25 Jul 2018 15:34

Instrument :
MSVOA_D
ClientSampleId :
KY030LC011-S-180718

Tot Ion: 98 Resp: 7157
Ion Ratio Lower Upper
98 100
100 57.7 53.2 79.8

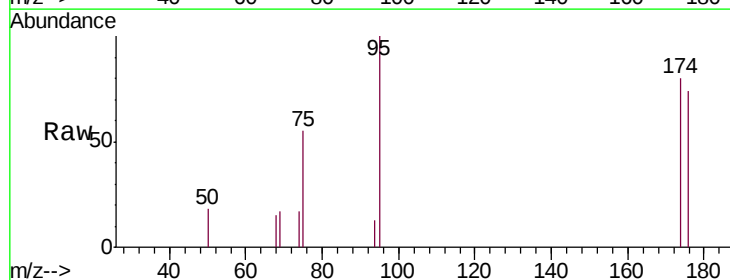


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

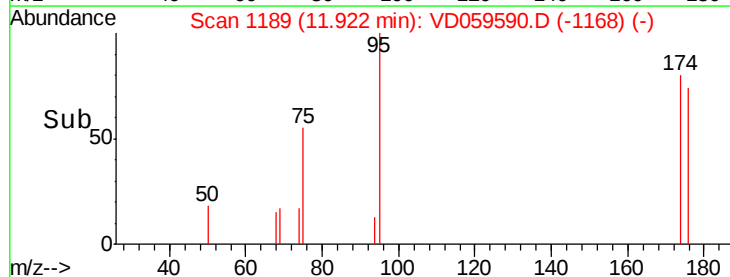
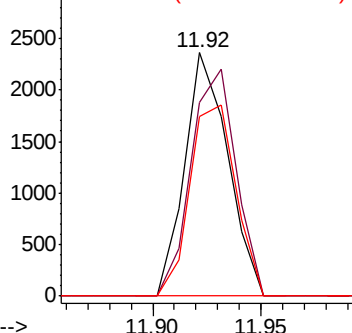


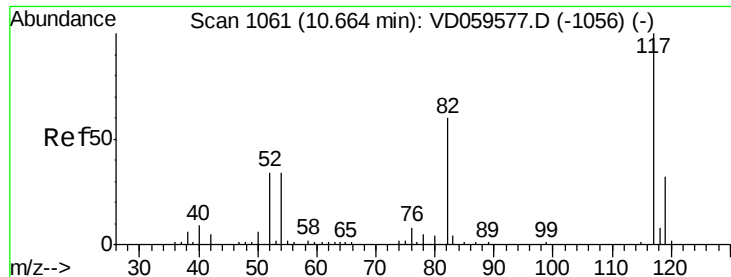
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059590.D
Acq: 25 Jul 2018 15:34

Tgt Ion: 95 Resp: 3290
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.6
176 73.5 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. 0.02 min

Lab File: VD059590.D

Acq: 25 Jul 2018 15:34

Instrument :

MSVOA_D

ClientSampleId :

KY030LC011-S-180718

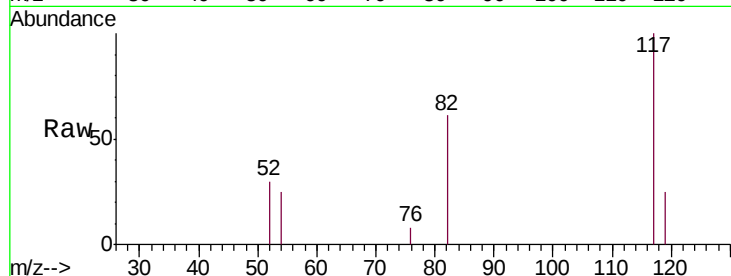
Tot Ion:117 Resp: 6724

Ion Ratio Lower Upper

117 100

82 60.7 48.2 72.2

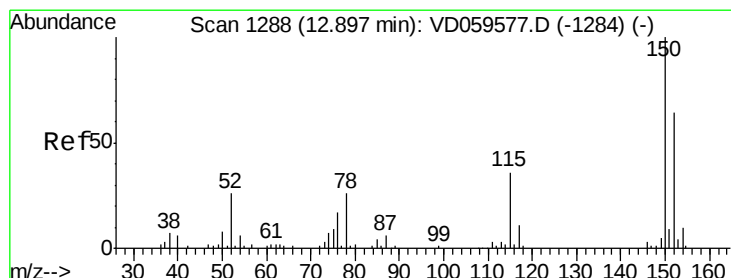
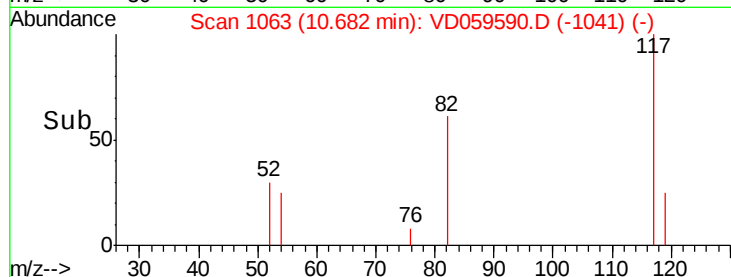
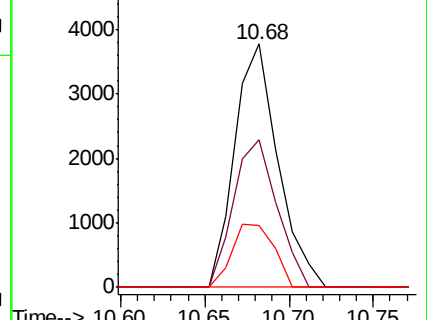
119 25.2 25.4 38.2#



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059590.D

Acq: 25 Jul 2018 15:34

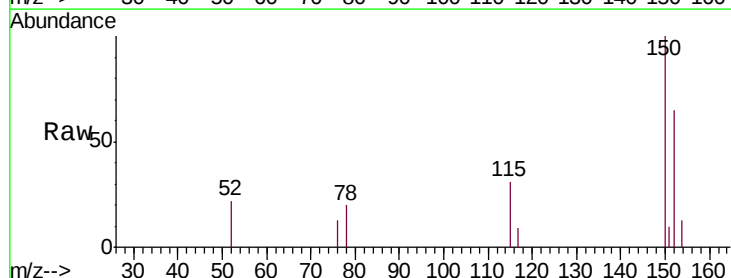
Tgt Ion:152 Resp: 3626

Ion Ratio Lower Upper

152 100

115 48.4 29.5 88.6

150 154.6 0.0 314.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

